

ABSTRACT OF THE DISCLOSURE

A soil aerating machine includes in combination a skid-steer and a basket resembling a loader bucket adapted for attachment to the skid-steer boom. An air pressure tank, an elongate air nozzle pipe, an air hammer, and air control valves for the air nozzle pipe and air hammer are carried within the basket. The elongate air nozzle is attached to the basket using a pivotal bearing surface, which permits controlled motion therebetween. The air hammer is used to assist with the driving of the elongate air nozzle pipe into an earthen medium. A blast of air is then released through the air nozzle pipe into the earth, to loosen and aerate packed or clogged soil. A method of restoring a septic system using the preferred apparatus is also described, as are various alternative apparatus and method steps.